



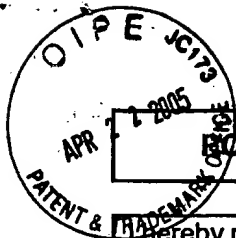
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TRANSMITTAL FORM <i>(to be used for all correspondence during pendency of filed application)</i>		Application Number	09/848,394
		Filing Date	May 3, 2001
		First Named Inventor	Sandeep Kishan Singhal
		Group Art Unit Number	2157
		Examiner Name	Moustafa M. Meky
Total Number of Pages in This Submission	36	Attorney Docket Number	20423-10013

ENCLOSURES (check all that apply)	
<input type="checkbox"/> Fee Transmittal Form (in duplicate) <input type="checkbox"/> Check Enclosed <input checked="" type="checkbox"/> Return Receipt Postcard <input type="checkbox"/> Response to Notice to File Missing Parts <input type="checkbox"/> Assignment & Recordation Cover Sheet <input type="checkbox"/> Declaration <input checked="" type="checkbox"/> Power of Attorney <input type="checkbox"/> Application Data Sheet <input type="checkbox"/> Information Disclosure Statement & PTO/SB/08A <input type="checkbox"/> Copies of IDS Cited References <input type="checkbox"/> Request for Corrected Filing Receipt <input type="checkbox"/> Request for Correction of Recorded Assignment <input type="checkbox"/> Amendment/Response: [] Page(s) <input type="checkbox"/> After Final <input type="checkbox"/> Status Request <input type="checkbox"/> Revocation and Substitute Power of Attorney	<input type="checkbox"/> Issue Fee Transmittal <input type="checkbox"/> Letter to Chief Draftsperson <input type="checkbox"/> Formal Drawing(s): [] Sheet(s) of Figure(s) [] <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> After Allowance Communication to Group <input checked="" type="checkbox"/> Statement Under 37 CFR 3.73(b) <input checked="" type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
REMARKS:	

SIGNATURE OF ATTORNEY OR AGENT		
Signature:		
Attorney/Reg. No.:	Neil F. Maloney, Reg. 42,833	Dated: April 15, 2005

CERTIFICATE OF MAILING		
I hereby certify that this correspondence, including the enclosures identified above, is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below. If the Express Mail Mailing Number is filled in below, then this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service pursuant to 37 CFR 1.10.		
Signature:		
Typed or Printed Name:	Wubja Morad	Dated: April 19, 2005
Express Mail Mailing Number (optional):		



POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO

I hereby revoke all previous powers of attorney given in the application identified in the attached statement under 37 CFR 3.73(b)

I hereby appoint:

☒ Practitioners associated with the Customer Number

34415

OR

☐ Practitioner(s) named below (if more than ten patent practitioners are to be named, then a customer number must be used):

Name	Registration Number

as attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 CFR 3.73(b).

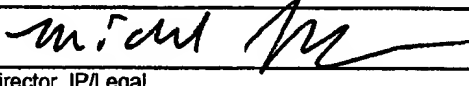
Assignee Name and Address:

Symantec Corporation
20330 Stevens Creek Boulevard
Cupertino, CA 95014

A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed.

SIGNATURE of Assignee of Record

The individual whose signature and title is supplied below is authorized to act on behalf of the assignee

Name	Michael Schallop		
Signature		Date	3.9.05
Title	Director, IP/Legal Symantec Corporation	Telephone	(408) 517-8297



**CORRESPONDENCE
ADDRESS
INDICATION FORM**

Address to:

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Please recognize the following address as the correspondence address:

☒ Customer Number

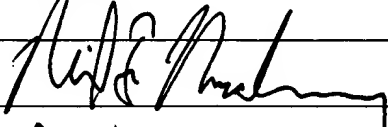
OR

Type Customer Number here

☐ Request for Customer Number (PTO/SB/125) submitted herewith.

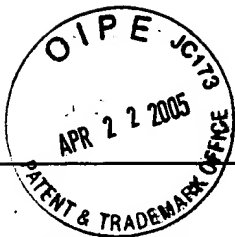
in the following listed application(s) or patent(s):

Patent Number (if appropriate)	Application Number	Patent Date (if appropriate)	U.S. Filing Date
	09/848,394		May 3, 2001

Typed Name	Neil F. Maloney	(check one)
Signature		
Date	April 15, 2005	
Address of signer: Fenwick & West LLP Silicon Valley Center 801 California Street Mountain View, CA 94041 Tel.: (650) 335-7127 Fax.: (650) 938-5200		
		<input type="checkbox"/> Applicant or Patentee
		<input type="checkbox"/> Assignee of record of the entire interest. Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)
		<input checked="" type="checkbox"/> Attorney or Agent of record
		42,833 (Reg. No.)

NOTE: Signature of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

☒ *Total of 1 forms are submitted.



STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Sandeep Kishan Singhal, Barry Elliot Levinson, Darren Michael Sanders

Application/Patent No.: 09/848,394

Filing Date/Issue Date: May 3, 2001

Entitled: TECHNIQUE FOR ENABLING REMOTE DATA ACCESS AND MANIPULATION FROM A PERVASIVE DEVICE

Symantec Corporation, a

Corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.
The extent (by percentage) of its ownership interest is _____ %
in the patent application/patent identified above by virtue of either:

- A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
2. From _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
3. From _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☒ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

April 15, 2005
Date

(650) 335-7127

Telephone number

Neil F. Maloney
Typed or printed name

[Signature]
Signature

Attorney for Applicants

Title



10013

UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

COPY



700154980

MARCH 04, 2005

PTAS

FENWICK & WEST LLP
BRIAN M. HOFFMAN, ESQ.
SILICON VALLEY CENTER
801 CALIFORNIA STREET
MOUNTAIN VIEW, CA 94041

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 02/16/2005

REEL/FRAME: 015722/0797

NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).
DOCKET NUMBER: 20423-01000

ASSIGNOR:

SYMANTEC INTERNATIONAL LIMITED

DOC DATE: 02/15/2005

ASSIGNEE:

SYMANTEC CORPORATION
20330 STEVENS CREEK BLVD.
CUPERTINO, CALIFORNIA 95014

SERIAL NUMBER: 09866297

FILING DATE: 05/25/2001

PATENT NUMBER: 6851050

ISSUE DATE: 02/01/2005

TITLE: PROVIDING SECURE NETWORK ACCESS FOR SHORT-RANGE WIRELESS COMPUTING DEVICES

SERIAL NUMBER: 10688576 FILING DATE: 10/18/2003
PATENT NUMBER: ISSUE DATE:
TITLE: LOCATION-INDEPENDENT PACKET ROUTING AND SECURE ACCESS IN A SHORT-RANGE WIRELESS NETWORKING ENVIRONMENT

SERIAL NUMBER: 09685715 FILING DATE: 10/10/2000
PATENT NUMBER: ISSUE DATE:
TITLE: EXTENSION MECHANISM AND TECHNIQUE FOR ENABLING LOW-POWER END DEVICES TO ACCESS REMOTE NETWORKS USING SHORT-RANGE WIRELESS COMMUNICATIONS MEANS

SERIAL NUMBER: 10785637 FILING DATE: 02/24/2004
PATENT NUMBER: ISSUE DATE:
TITLE: MECHANISM AND TECHNIQUE FOR DYNAMICALLY OPTIMIZING ANTENNA ORIENTATION AND TRANSMIT POWER IN A MESHED NETWORK ENVIRONMENT

SERIAL NUMBER: 09848662 FILING DATE: 05/03/2001
PATENT NUMBER: ISSUE DATE:
TITLE: METHOD AND SYSTEM FOR ADAPTING SHORT-RANGE WIRELESS ACCESS POINTS FOR PARTICIPATION IN A COORDINATED NETWORKED ENVIRONMENT

SERIAL NUMBER: 09848441 FILING DATE: 05/03/2001
PATENT NUMBER: ISSUE DATE:
TITLE: LOCATION-AWARE SERVICE PROXIES IN A SHORT-RANGE WIRELESS ENVIRONMENT

SERIAL NUMBER: 09848394 FILING DATE: 05/03/2001
PATENT NUMBER: ISSUE DATE:
TITLE: TECHNIQUE FOR ENABLING REMOTE DATA ACCESS AND MANIPULATION FROM A PERVASIVE DEVICE

SERIAL NUMBER: 10011538 FILING DATE: 11/13/2001
PATENT NUMBER: ISSUE DATE:
TITLE: ENABLING SECURE COMMUNICATION IN A CLUSTERED OR DISTRIBUTED ARCHITECTURE

SERIAL NUMBER: 10457573 FILING DATE: 06/09/2003
PATENT NUMBER: ISSUE DATE:
TITLE: SEAMLESS USER MOBILITY IN A SHORT-RANGE WIRELESS NETWORKING ENVIRONMENT

SERIAL NUMBER: 09637742 FILING DATE: 08/11/2000
PATENT NUMBER: 6633761 ISSUE DATE: 10/14/2003
TITLE: ENABLING SEAMLESS USER MOBILITY IN A SHORT-RANGE WIRELESS NETWORKING ENVIRONMENT

SERIAL NUMBER: 09657745 FILING DATE: 09/08/2000
PATENT NUMBER: 6691227 ISSUE DATE: 02/10/2004
TITLE: LOCATION-INDEPENDENT PACKET ROUTING AND SECURE ACCESS IN A SHORT-RANGE WIRELESS NETWORKING ENVIRONMENT

015722/0797 PAGE 3

VIOLET MCCOY, EXAMINER
ASSIGNMENT DIVISION
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U.S. DEPARTMENT OF COMMERCE

(Rev. 03/01) (modified)

PATENTS ONLY

U.S. Patent And Trademark Office

OMB No. 0651-0027 (exp 5/31/2002)

To the Honorable Commissioner For Patents: Please record the attached original documents or copy thereof

1. Name of conveying party(ies):

Symantec International Limited

Additional name(s) of conveying party(ies) attached?

☐ Yes☒ No

3. Nature of Conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other: _____

Execution Date: February 15, 2005

2. Name and address of receiving party(ies):

Name: Symantec Corporation

Internal Address:

Street Address: 20330 Stevens Creek Blvd.

City: Cupertino

State: CA Zip: 95014

Additional name(s) & address(es) attached?

☐ Yes☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

09/866,297; 10/688,576; 09/685,715; 10/785,637;
09/848,662; 09/848,441; 09/848,394; 10/011,538; 10/457,573

B. Patent No.(s): 6,633,761; 6,691,227

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Brian M. Hoffman, Esq.

Internal Address: Fenwick & West LLP

Street Address: Silicon Valley Center
801 California Street

City: Mountain View State: CA Zip Code: 94041

6. Total number of applications and patents involved: [11]

7. Total fee (37 CFR 3.41): \$ 440.00

☐ Check Enclosed☐ Fee Transmittal Enclosed☒ Charge the indicated fees to the below mentioned deposit account.

8. Deposit Account No.: 19-2555

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9. Statement and signature:

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Brian M. Hoffman, 39,713

Name of Person Signing


Signature

February 16, 2005

Date

Total number of pages including cover sheet, attachments, documents: [3]

Mail documents to be recorded with required cover sheet information to: Mail Stop Assignment Recordation Services, Director of the US Patent and Trademark Office, PO Box 1480, Alexandria, VA 22312-1480

Case Docket No.: 20423-01000

10423/01000/SF/5137661.

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, Symantec International Limited, an Irish company, having a place of business at Ballycoolin Business Park, Blanchardstown, Dublin 15, Ireland ("ASSIGNOR"), has sold, assigned, and transferred and does hereby sell, assign, and transfer to Symantec Corporation, a Delaware corporation, having a place of business at 20330 Stevens Creek Blvd., Cupertino, CA 95014 ("ASSIGNEE"), for itself and its successors, transferees, and assignees, the following:

1. The entire worldwide right, title, and interest in all inventions and improvements ("SUBJECT MATTER") that are disclosed in the following applications and Letters Patents ("PATENT RIGHTS"):

Country:	Patent Application Serial No.:	Title:	Filing Date:
US	09/866,297	Providing Secure Network Access for Short-Range Wireless Computing Devices	May 21, 2001
US	10/688,576	Location Independent Packet Routing and Secure Access in a Short-Range Wireless Networking Environment	October 20, 2003
US	09/685,715	Extension Mechanism and Technique for Enabling Low-Power End Devices to Access Remote Networks Using Short-Range Wireless Communications Means	October 10, 2000
US	10/785,637	Mechanism and Technique for Dynamically Optimizing Antenna Orientation and Transmit Power in a Meshed Network Environment	February 24, 2004
US	09/848,662	Method and System for Adapting Short-Range Wireless Access Points for Participation in a Coordinated Networked Environment	May 3, 2001
US	09/848,441	Location Aware Service Proxies in a Short-Range Wireless Environment	May 3, 2001
US	09/848,394	Technique for Enabling Remote Data Access and Manipulation From a Pervasive Device	May 3, 2001
US	10/011,538	Enabling Secure Communication in a Clustered or Distributed Architecture	November 13, 2001
US	10/457,573	Seamless User Mobility in a Short-Range Wireless Networking Environment	June 11, 2003

Country:	Letters Patent No.:	Title:	Issue Date:
US	6,633,761	Enabling Seamless User Mobility in a Short-Range Wireless Networking Environment	October 14, 2003
US	6,691,227	Location Independent Packet Routing and Secure Access in a Short-Range Wireless Networking Environment	February 10, 2004

and;

2. The entire worldwide right, title, and interest in and to:

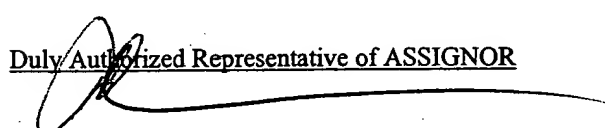
(a) the PATENT RIGHTS, including any right of priority; (b) any provisional, divisional, continuation, substitute, renewal, reissue, and other related applications thereto which have been or may be filed in the United States or elsewhere in the world; (c) any patents which may be granted on the applications set forth in (a) and (b) above; and (d) the right to sue in its own name and to recover for past infringement of any or all of any applications or patents issuing therefrom together with all rights to recover damages for infringement of provisional rights.

ASSIGNOR agrees to do the following, when requested, and without further consideration, in order to carry out the intent of this Assignment: (1) execute all oaths, assignments, powers of attorney, applications, and other papers necessary or desirable to fully secure to ASSIGNEE the rights, titles and interests herein conveyed; (2) communicate to ASSIGNEE all known facts relating to the SUBJECT MATTER of the above-identified patent applications and Letters Patents; and (3) generally do all lawful acts that ASSIGNEE shall consider desirable for securing, maintaining, and enforcing worldwide patent protection relating to the SUBJECT MATTER of the above-identified patent applications and Letters Patents and for vesting in ASSIGNEE the rights, titles, and interests herein conveyed. ASSIGNOR further agrees to provide any successor, transferee, assignee, or legal representative of ASSIGNEE with the benefits and assistance provided to ASSIGNEE hereunder.

ASSIGNOR represents that ASSIGNOR has the rights, titles, and interests to convey as set forth herein, and covenants with ASSIGNEE that the ASSIGNOR has made or will make hereafter no assignment, grant, mortgage, license, or other agreement affecting the rights, titles, and interests herein conveyed.

Duly Authorized Representative of ASSIGNOR

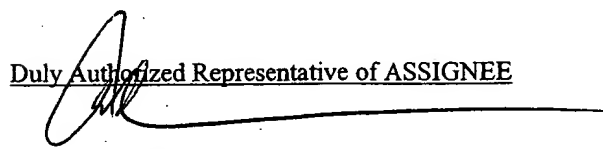
Date of Signature


Arthur Courville
Director
Symantec International Limited
Ballycoolin Business Park
Blanchardstown, Dublin 15
IRELAND

2/15/05, 2005

Duly Authorized Representative of ASSIGNEE

Date of Signature


Arthur Courville
Senior Vice President and General Counsel
Symantec Corporation
20330 Stevens Creek Blvd
Cupertino, CA 95014

2/15/05, 2005



10013

UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
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Washington, D.C. 20231

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FEBRUARY 24, 2005

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FENWICK & WEST LLP
BRIAN M. HOFFMAN
SILICON VALLEY CENTER
801 CALIFORNIA STREET
MOUNTAIN VIEW, CA 94041

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RECORDATION DATE: 02/10/2005

REEL/FRAME: 015698/0943
NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

REEFEDGE, INC.

DOC DATE: 01/28/2005

ASSIGNEE:

SYMANTEC CORPORATION
20330 STEVENS CREEK BLVD.
CUPERTINO, CALIFORNIA 95014

ASSIGNEE:

SYMANTEC INTERNATIONAL LIMITED
BALLYCOOLIN BUSINESS PARK
BLANCHARDSTOWN, DUBLIN 15, IRELAND

SERIAL NUMBER: 09866297

FILING DATE: 05/25/2001

PATENT NUMBER: 6851050

ISSUE DATE: 02/01/2005

TITLE: PROVIDING SECURE NETWORK ACCESS FOR SHORT-RANGE WIRELESS COMPUTING DEVICES

SERIAL NUMBER: 10688576 FILING DATE: 10/18/2003
PATENT NUMBER: ISSUE DATE:
TITLE: LOCATION-INDEPENDENT PACKET ROUTING AND SECURE ACCESS IN A SHORT-RANGE WIRELESS NETWORKING ENVIRONMENT

SERIAL NUMBER: 09685715 FILING DATE: 10/10/2000
PATENT NUMBER: ISSUE DATE:
TITLE: EXTENSION MECHANISM AND TECHNIQUE FOR ENABLING LOW-POWER END DEVICES TO ACCESS REMOTE NETWORKS USING SHORT-RANGE WIRELESS COMMUNICATIONS MEANS

SERIAL NUMBER: 10785637 FILING DATE: 02/24/2004
PATENT NUMBER: ISSUE DATE:
TITLE: MECHANISM AND TECHNIQUE FOR DYNAMICALLY OPTIMIZING ANTENNA ORIENTATION AND TRANSMIT POWER IN A MESHED NETWORK ENVIRONMENT

SERIAL NUMBER: 09848662 FILING DATE: 05/03/2001
PATENT NUMBER: ISSUE DATE:
TITLE: METHOD AND SYSTEM FOR ADAPTING SHORT-RANGE WIRELESS ACCESS POINTS FOR PARTICIPATION IN A COORDINATED NETWORKED ENVIRONMENT

SERIAL NUMBER: 09848441 FILING DATE: 05/03/2001
PATENT NUMBER: ISSUE DATE:
TITLE: LOCATION-AWARE SERVICE PROXIES IN A SHORT-RANGE WIRELESS ENVIRONMENT

SERIAL NUMBER: 09848394 FILING DATE: 05/03/2001
PATENT NUMBER: ISSUE DATE:
TITLE: TECHNIQUE FOR ENABLING REMOTE DATA ACCESS AND MANIPULATION FROM A PERVASIVE DEVICE

SERIAL NUMBER: 10011538 FILING DATE: 11/13/2001
PATENT NUMBER: ISSUE DATE:
TITLE: ENABLING SECURE COMMUNICATION IN A CLUSTERED OR DISTRIBUTED ARCHITECTURE

SERIAL NUMBER: 10457573 FILING DATE: 06/09/2003
PATENT NUMBER: ISSUE DATE:
TITLE: SEAMLESS USER MOBILITY IN A SHORT-RANGE WIRELESS NETWORKING ENVIRONMENT

SERIAL NUMBER: 09637742 FILING DATE: 08/11/2000
PATENT NUMBER: 6633761 ISSUE DATE: 10/14/2003
TITLE: ENABLING SEAMLESS USER MOBILITY IN A SHORT-RANGE WIRELESS NETWORKING ENVIRONMENT

SERIAL NUMBER: 09657745 FILING DATE: 09/08/2000
PATENT NUMBER: 6691227 ISSUE DATE: 02/10/2004
TITLE: LOCATION-INDEPENDENT PACKET ROUTING AND SECURE ACCESS IN A SHORT-RANGE WIRELESS NETWORKING ENVIRONMENT

015698/0943 PAGE 3

JEEVON JONES, EXAMINER
ASSIGNMENT DIVISION
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Form PTO-1595

(Rev. 03/01) (modified)

OMB No. 0651-0027 (exp 3/31/2002)

RECORDATION FORM COVER SHEET

PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE

U.S. Patent And Trademark Office

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1. Name of conveying party(ies):

ReefEdge, Inc.

Additional name(s) of conveying party(ies) attached?

☐ Yes☒ No

3. Nature of Conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other: _____Execution Date: January 28, 2005

2. Name and address of receiving party(ies):

Name: Symantec Corporation

Internal Address:

Street Address: 20330 Stevens Creek Blvd.City: CupertinoState: CA Zip: 95014

Additional name(s) & address(es) attached?

☒ Yes☐ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

09/866,297; 10/688,576; 09/685,715; 10/785,637;
09/848,662; 09/848,441; 09/848,394; 10/011,538; 10/457,573

B. Patent No.(s): 6,633,761; 6,691,227

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Brian M. Hoffman, Esq.Internal Address: Fenwick & West LLPStreet Address: Silicon Valley Center
801 California StreetCity: Mountain View State: CA Zip Code: 94041

6. Total number of applications and patents involved: [11]

7. Total fee (37 CFR 3.41): \$ 440.00

☐ Check Enclosed☐ Fee Transmittal Enclosed☒ Charge the indicated fees to the below mentioned deposit account.

8. Deposit Account No.: 19-2555

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9. Statement and signature:

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*Brian M. Hoffman, 39.713

Name of Person Signing

Signature

February 10, 2005

Date

Total number of pages including cover sheet, attachments, documents: [5]

Mail documents to be recorded with required cover sheet information to: Mail Stop Assignment Recordation Services, Director of the US Patent and Trademark Office, PO Box 1081, Alexandria, VA 22319-1480

Case Docket No.: 20423-01000

20423/01000/SF/5137294.

06 10 2000 09:15:11 FROM: [REDACTED] TO: [REDACTED]
11/10/2000 11:15:11
1 1000/000 1 010

ADDITIONAL NAME AND ADDRESS OF RECEIVING PARTY

Name and address of receiving party(ies):

Name: Symantec International Limited

Internal Address:

Street Address: Ballycoolin Business Park

City: Blanchardstown, Dublin 15, Ireland

State: Zip

Additional name(s) & address(es) attached?

☐ Yes ☒ No

PATENT ASSIGNMENT

This PATENT ASSIGNMENT (this "Assignment") is entered into by ReefEdge, Inc., Delaware corporation, having a place of business located at Two Executive Drive, Suite 600, Fort Lee, New Jersey 07024 ("Assignor"), as assignor, in favor of Symantec Corporation, a Delaware corporation, having a place of business located at 20330 Stevens Creek Blvd, Cupertino, CA 95014 and Symantec International Limited, an Irish company with its corporate offices at Ballycoolin Business Park, Blanchardstown, Dublin 15, Ireland (collectively "Assignee"), as assignee, with reference to the following facts and circumstances:

Assignor and Assignee have entered into that certain Asset Purchase Agreement dated as of January 31, 2005 (the "Asset Purchase Agreement"), which, along with the promises contained herein, constitute mutual consideration for the promises herein;

Assignor is the sole and exclusive owner of the Letters Patents and applications in the United States (hereinafter the "Patents") as shown on the attached Exhibit 1.

Assignee desires to acquire, and Assignor desires to assign, Assignor's right, title and interest in, to and under the Patents as provided in the Asset Purchase Agreement.

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration the receipt and adequacy of which is hereby acknowledged, Assignor has sold, assigned, transferred and set over, and does hereby sell, assign, transfer and set over to Assignee the Patents listed in Exhibit 1 attached hereto, together with all patents, patent applications, patent rights (including all reissues, reexaminations, extensions, continuations, continuations in part, continuing prosecution applications, and divisions of such patents and applications; provisional patent applications that are or will be continuations or continuations in part of such patents and applications foreign counterparts to any of the foregoing including utility models; and the right to sue and recover for past infringement).

Assignor further warrants that it has not executed, and will not execute, any agreements in conflict with or inconsistent with this assignment.

In testimony whereof, Assignor has caused this Assignment to be executed by its officer(s) thereunto duly authorized.

ASSIGNOR
ReefEdge, Inc.

David Guretski,
Chief Executive Officer

Dated: 01/28/05

EXHIBIT 1 TO PATENT ASSIGNMENT**UNITED STATES ISSUED PATENTS**

Serial No.	Filing Date	Title
6,633,761 (09/637,742)	Aug. 11, 2000	Enabling Seamless User Mobility in a Short-Range Wireless Networking Environment
6,691,227 (09/657,745)	September 10, 2000	Location Independent Packet Routing and Secure Access in a Short-Range Wireless Networking Environment

UNITED STATES PENDING PATENT APPLICATIONS

Serial No.	Filing Date	Title
09/866,297 (divisional of 09/657,745)	May 21, 2001	Providing Secure Network Access for short-range wireless computing devices
10/688,576 (continuation of 09/657,745)	October 20, 2003	Location Independent Packet Routing and Secure Access in a Short-Range Wireless Networking Environment
09/685,715	October 10, 2000	Extension Mechanism and Technique for Enabling Low-Power End Devices To Access Remote Networks using Short-Range Wireless Communications means
10/785,637 (divisional of 09/685,715)	February 24 2004	Mechanism and Technique for Dynamically Optimizing Antenna Orientation and Transmit Power in a Meshed Network Environment
09/848,662	May 3, 2001	Method and System for Adapting Short-Range Wireless Access Points for Participation in a Coordinated Networked Environment

09/848,441	May 3, 2001	Location Aware Service Proxies in a Short-Range Wireless Environment
09/848,394	May 3, 2001	Technique for Enabling Remote Data Access and Manipulation from a Pervasive Device
10/011,538	Nov. 13, 2001	Enabling Secure Communication in a Clustered or Distributed Architecture
10/457,573 (divisional of 09/637,742)	June 11, 2003	Seamless User Mobility in a Short-Range Wireless Networking Environment



COPY

UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

MARCH 01, 2004

PTAS



102526798A

MARCIA L. DOUBET
PO BOX 422859
KISSIMMEE, FL 34742-2859

UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 08/14/2003

REEL/FRAME: 014378/0225
NUMBER OF PAGES: 3

BRIEF: AMENDMENT TO PRIOR ASSIGNMENT

ASSIGNOR:

SINGHAL, SANDEEP KISHAN

DOC DATE: 07/20/2003

ASSIGNOR:

LEVINSON, BARRY ELIOT

DOC DATE: 07/21/2003

ASSIGNOR:

SANDERS, DARREN MICHAEL

DOC DATE: 07/21/2003

ASSIGNEE:

REEFEDGE, INC., A CORPORATION OF
DELAWARE
2 EXECUTIVE DRIVE, SUITE 600
FORT LEE, NEW JERSEY 07024

SERIAL NUMBER: 09848394

FILING DATE: 05/03/2001

PATENT NUMBER:

ISSUE DATE:

014378/0225 PAGE 2

PAULA MCCRAY, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

8-14-03

08-18-2003

Form PTO-1595
(Rev. 10/02)

RECORD

DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

OMB No. 0651-0027 (exp. 6/30/2005)

Tab settings ⇌ ⇌ ⇌ ▼ ▼

102526798

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Sandeep Kishan Singhal
Barry Eliot Levinson
Darren Michael SandersAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies)

Name: ReefEdge, Inc., a corporation of Delaware

Internal Address: _____

Street Address: 2 Executive Drive, Suite 600City: Fort Lee State: NJ Zip: 07024Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☐ Assignment ☐ Merger
- ☐ Security Agreement ☐ Change of Name
- ☒ Other Amendment to Prior Assignment

Execution Date: 07/20/2003 ; 07/21/2003

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s) 09/848,394

B. Patent No.(s) _____

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Marcia L. Doubet

Internal Address: _____

Street Address: P. O. Box 422859City: Kissimmee State: FL Zip: 34742-28596. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41).....\$ 40.00☒ Enclosed☐ Authorized to be charged to deposit account

8. Deposit account number:

5015252003 AUG 14 AM 7:34
OPR/FINANCE

9. Signature.

Marcia L. Doubet

Name of Person Signing

Marcia L. Doubet
SignatureAug. 9, 2003

Date

Total number of pages including cover sheet, attachments, and documents: 3Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents and Trademarks, Box Assignments
Washington, D.C. 20231

08/15/2003

01 FC:8021

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00000045 09848394

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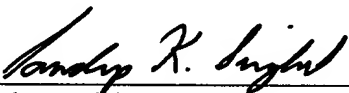
AMENDMENT TO ASSIGNMENT

We the undersigned inventors hereby amend the Assignment of Patent Application, executed on May 2, 2001, assigning U.S. Patent Application No. 09/848,394 to ReefEdge, Inc., to fix a typographical error as follows:

In the first "WHEREAS" clause,


"United States Letters Patent titled TECHNIQUE FOR ENABLING REMOTE DATA ACCESS AND MANIPULATION FROM A MOBILE DEVICE" should read "United States Letters Patent titled TECHNIQUE FOR ENABLING REMOTE DATA ACCESS AND MANIPULATION FROM A PERVASIVE DEVICE".

By Sandeep Kishan Singhal, whose full postal address is 2 Leighton Street, Englewood Cliffs, NJ 07632-1414


Sandeep Kishan Singhal

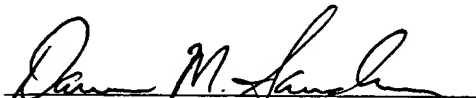
20 JULY 2003
Date

By Barry Eliot Levinson, whose full postal address is 206 First Ave #3B, New York, NY 10009


Barry Eliot Levinson

21 July 2003
Date

By Darren Michael Sanders whose full postal address is 61 Avalon Gardens Drive, Nanuet, NY 10954


Darren Michael Sanders

21 July 2003
Date

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: S. K. Singhal et al.

Date: August 9, 2003

Application Filed: May 3, 2001

Art Unit: 2155

Title: TECHNIQUE FOR ENABLING REMOTE DATA ACCESS AND
MANIPULATION FROM A PERVASIVE DEVICE

Mail Stop Assignment Recordation Services
Director of the United States Patent and Trademark Office
P. O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT TO ASSIGNMENT

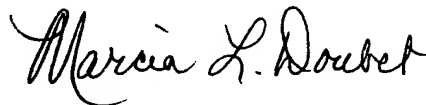
Dear Sir:

An error was made in the Assignment papers for the subject Patent Application. A 1-page Amendment to Assignment, signed by all inventors, is enclosed. Please file this amendment.

The original assignment was recorded at Reel/Frame 011779/0130.

A correction (reflecting the same correction as the enclosed Amendment) was filed on November 13, 2001. The correction was recorded at Reel/Frame 012471/0289.

Thank you.



Marcia L. Doubet, Attorney of Record
Registration Number 40,999
P. O. Box 422859
Kissimmee, FL 34742-2859

Phone: 407-343-7586
Fax: 407-343-7587

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**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

5

Application Number

09/848,394

Filing Date

May 3, 2001

First Named Inventor

Sandeep K. Singhal

Art Unit

2155

Examiner Name

Hosain Alam

Attorney Docket Number

MLDRE2001001

ENCLOSURES (Check all that apply)

- | | | |
|--|---|---|
| <input checked="" type="checkbox"/> Fee Transmittal Form | <input type="checkbox"/> Drawing(s) | <input type="checkbox"/> After Allowance Communication to a Technology Center (TC) |
| <input checked="" type="checkbox"/> Fee Attached | <input type="checkbox"/> Licensing-related Papers | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences |
| <input type="checkbox"/> Amendment/Reply | <input type="checkbox"/> Petition | <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> After Final | <input type="checkbox"/> Petition to Convert to a Provisional Application | <input type="checkbox"/> Proprietary Information |
| <input type="checkbox"/> Affidavits/declaration(s) | <input type="checkbox"/> Power of Attorney, Revocation | <input type="checkbox"/> Status Letter |
| <input type="checkbox"/> Extension of Time Request | <input type="checkbox"/> Change of Correspondence Address | <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): |
| <input type="checkbox"/> Express Abandonment Request | <input type="checkbox"/> Terminal Disclaimer | Form PTO-1595; Amendment to Assignment; Cover Sheet; Postcard |
| <input type="checkbox"/> Information Disclosure Statement | <input type="checkbox"/> Request for Refund | |
| <input type="checkbox"/> Certified Copy of Priority Document(s) | <input type="checkbox"/> CD, Number of CD(s) _____ | |
| <input type="checkbox"/> Response to Missing Parts/Incomplete Application | <input type="checkbox"/> Remarks | |
| <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | | |

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual	Marcia L. Doubet
Signature	<i>Marcia L. Doubet</i>
Date	Aug. 9, 2003

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date: Aug. 11, 2003

Typed or printed	Marcia L. Doubet	
Signature	<i>Marcia L. Doubet</i>	Date Aug. 9, 2003

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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FEE TRANSMITTAL

for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27TOTAL AMOUNT OF PAYMENT (\$)**40.00**

Complete if Known

Application Number	09/848,394
Filing Date	May 3, 2001
First Named Inventor	Sandeep K. Singhal
Examiner Name	Hosain Alam
Art Unit	2155
Attorney Docket No.	MLDRE 2001001

METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☐ Deposit Account:Deposit Account Number
Deposit Account Name

501525

Marcia L. Doubet Law Office

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge any additional fee(s) during the pendency of the application *mla*☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	750	2001	375	Utility filing fee	
1002	330	2002	165	Design filing fee	
1003	520	2003	260	Plant filing fee	
1004	750	2004	375	Reissue filing fee	
1005	180	2005	80	Provisional filing fee	

SUBTOTAL (1) (\$)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims		Extra Claims		Fee from below		Fee Paid	
Independent		-20** =		X		=	
Multiple Dependent		-3** =		X		=	

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1202	18	2202	9	Claims in excess of 20	
1201	84	2201	42	Independent claims in excess of 3	
1203	280	2203	140	Multiple dependent claim, if not paid	
1204	84	2204	42	** Reissue independent claims over original patent	
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) (\$)

**or number previously paid, if greater, For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	410	2252	205	Extension for reply within second month	
1253	930	2253	465	Extension for reply within third month	
1254	1,450	2254	725	Extension for reply within fourth month	
1255	1,970	2255	985	Extension for reply within fifth month	
1401	320	2401	160	Notice of Appeal	
1402	320	2402	160	Filing a brief in support of an appeal	
1403	280	2403	140	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,300	2453	650	Petition to revive - unintentional	
1501	1,300	2501	650	Utility issue fee (or reissue)	
1502	470	2502	235	Design issue fee	
1503	630	2503	315	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1808	180	1808	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	40
1809	750	2809	375	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	750	2810	375	For each additional invention to be examined (37 CFR 1.129(b))	
1801	750	2801	375	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)**40.00**

SUBMITTED BY

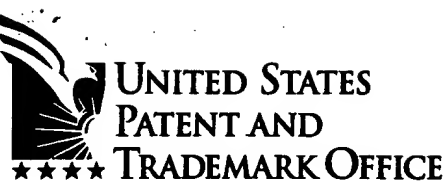
(Complete if applicable)

Name (Print/Type) **Marcia L. Doubet**Registration No. **40,999**Telephone **407-343-7586**Signature **Marcia L. Doubet**Date **Aug. 9, 2003**

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MARCH 13, 2002

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LAW OFFICE OF MARCIA L. DOUBET
MARCIA L. DOUBET
5228 WESTMINSTER LANE
FUQUAY-VARINA, NC 27526

Chief Information Officer
Washington, DC 20231
www.uspto.gov



101950548A

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RECORDATION DATE: 01/11/2002

REEL/FRAME: 012471/0289
NUMBER OF PAGES: 5

BRIEF: CORRECTIVE ASSIGNMENT TO CORRECT THE TITLE IN THE BODY OF THE ASSIGNMENT DOCUMENT ON REEL 011779 FRAME 0130.

ASSIGNOR:
SINGHAL, SANDEEP K.

DOC DATE: 05/03/2001

ASSIGNOR:
LEVINSON, BARRY E.

DOC DATE: 05/03/2001

ASSIGNOR:
SANDERS, DARREN M.

DOC DATE: 05/03/2001

ASSIGNEE:
REEFEDGE, INC., A CORPORATION OF
DELAWARE
2 EXECUTIVE DRIVE, SUITE 600
FORT LEE, NEW JERSEY 07024

SERIAL NUMBER: 09848394
PATENT NUMBER:

FILING DATE: 05/03/2001
ISSUE DATE:

012471/0289 PAGE 2

PAULA MCCRAY, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

01-17-2002



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Patent and Trademark Office
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PATENTS ONLY**

1-11-02

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- ☐ Resubmission (Non-Recordation)
Document ID#
- ☐ Correction of PTO Error
Rael # Frame #
- ☒ Corrective Document
Rael # 011779 Frame # 0130

Conveyance Type

- ☐ Assignment ☐ Security Agreement
- ☐ License ☐ Change of Name
- ☐ Merger ☒ Other Patent Application Title Correction
- U.S. Government**
(For Use ONLY by U.S. Government Agencies)
- ☐ Departmental File ☐ Secret File

Conveying Party(ies)☒ Mark if additional names of conveying parties attachedName (line 1) Singhal, Sandeep K.Execution Date
Month Day Year
 05032001Name (line 2) **Second Party**Name (line 1) Levinson, Barry E.Execution Date
Month Day Year
 05032001Name (line 2) **Receiving Party**☐ Mark if additional names of receiving parties attachedName (line 1) ReefEdge, Inc.

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2) a Corporation of DelawareAddress (line 1) 2 Executive Drive, Suite 600Address (line 2) Address (line 3) Fort Lee

NJ / USA

07024

City

State/Country

Zip Code

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name Address (line 1) Address (line 2) Address (line 3) Address (line 4)

01/16/2002 LNUELLER 00000104 09848394

01 FC:581

40.00 DP

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Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

Correspondent Name and Address

Area Code and Telephone Number (919) 557-3827

Name Marcia L. Doubet

Address (line 1) Law Office of Marcia L. Doubet

Address (line 2) 5228 Westminster Lane

Address (line 3) Fuquay-Varina, NC 27526

Address (line 4)

Pages

Enter the total number of pages of the attached conveyance document including any attachments.

2

Application Number(s) or Patent Number(s)

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property). ☐ Mark if additional numbers attached

Patent Application Number(s)

09/848,394

Patent Number(s)

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number only if a U.S. Application Number has not been assigned.

PCT

PCT

PCT

PCT

PCT

PCT

Number of Properties

Enter the total number of properties involved.

1

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00

Method of Payment:
Deposit Account

Enclosed ☒

Deposit Account ☐

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

501525

Authorization to charge additional fees:

Yes

☒

No

☐

Statement and Signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

Marcia L. Doubet

Name of Person Signing

Marcia L. Doubet

Signature

November 13, 2001

Date

**RECORDATION FORM COVER SHEET
CONTINUATION
PATENTS ONLY**

U.S. Department of Commerce
Patent and Trademark Office
PATENT

Conveying Party(ies)

☐ Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1) Sanders, Darren M.

Execution Date
Month Day Year

05032001

Name (line 2)

Name (line 1)

Execution Date
Month Day Year

Name (line 2)

Name (line 1)

Execution Date
Month Day Year

Name (line 2)

Receiving Party(ies)

☐ Mark if additional names of receiving parties attached

Enter additional Receiving Party(ies)

Name (line 1)

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Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

Name (line 1)

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

Application Number(s) or Patent Number(s)

☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

COPY

Attorney Docket Number MLDRE2001001
Express Mail Label No. EF076589295US

ASSIGNMENT OF PATENT APPLICATION

WHEREAS, we, the undersigned Sandeep Kishan Singhal, Barry Eliot Levinson, and Darren Michael Sanders, whose full postal addresses are given below, hereafter referred to as Applicants, have invented certain new and useful improvements disclosed in an application for United States Letters Patent titled **TECHNIQUE FOR ENABLING REMOTE DATA ACCESS AND MANIPULATION FROM A MOBILE DEVICE**, executed on even date herewith, and

PERVASIVE mld 11-13-01

WHEREAS, ReefEdge, Inc., a corporation whose full postal address is 2 Executive Drive, Suite 600, Fort Lee, New Jersey, United States of America, herein (together with any successors, legal representatives, and/or assignees thereof) referred to as Assignee, is desirous of acquiring the entire right, title and interest in the same;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we, the Applicants, by these presents do sell, assign and transfer unto said Assignee the full and exclusive right, title, and interest in and to the said improvements and said application (and all divisions, substitutions, continuations, and continuations-in-part thereof) in the United States and the entire right, title and interest in and to any and all Patents (including all re-issues, renewals, and extensions thereof) which may be granted therefor in the United States; and we hereby authorize and request the United States Commissioner of Patents and Trademarks to issue all said Patents to said Assignee, of the entire right, title, and interest in and to the same, for Assignee's sole use and behoof, and for the use and behoof of Assignee's legal representatives, to the full end of the term for which said Patents may be granted, as fully and entirely as the same would have been held by us had this assignment and sale not been made;

AND we hereby covenant that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith;

AND we hereby further covenant and agree that we will communicate to Assignee any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, substitute, continuation, continuation-in-part and re-issue applications, make all rightful oaths and generally do everything possible to aid Assignee to obtain and enforce proper patent protection for said improvements.

Executed this 2 day of May, 2001, at FORT LEE, NJ

Signatures of Sandeep Kishan Singhal, Barry Eliot Levinson, and Darren Michael Sanders, along with full postal addresses thereof, follow:

COPY

By Sandeep Kishan Singhal, whose full postal address is 2 Leighton Street, Englewood Cliffs, NJ, 07632-1414;

Sandeep K. Singhal
(Signature of Sandeep Kishan Singhal)

By Barry Eliot Levinson, whose full postal address is 206 ^{1037 Ave B} East 22nd Street #3B, New York, NY, 10009;

[Signature]
(Signature of Barry Eliot Levinson)

and By Darren Michael Sanders, whose full postal address is 61 Avalon Gardens Drive, Nanuet, NY, 10954.

[Signature]
(Signature of Darren Michael Sanders)

State of New Jersey) SS.
County of Bergen)

On this 2 day of May, 2001, before the undersigned, a Notary Public for the State and County aforesaid, personally appeared said Sandeep Kishan Singhal, Barry Eliot Levinson, and Darren Michael Sanders, who are known or proved to me on the basis of satisfactory evidence to be the persons whose names are subscribed to the above assignment, and acknowledged that they executed the same.

Seal

[Signature]
(Notary Public)

My commission expires: 8/28/01

TRANSMITTAL OF ASSIGNMENT CORRECTION

Hon. Commissioner of Patents and Trademarks
Washington, DC 20231

Sir:

Transmitted herewith is a correction to the assignment in the patent application of:

Inventor: Sandeep Kishan Singhal et al.

For: **TECHNIQUE FOR ENABLING REMOTE DATA ACCESS AND
MANIPULATION FROM A PERVASIVE DEVICE**

Serial Nbr: 09/848,394

Filed: May 3, 2001

Enclosed are:

- (1) Assignment Correction cover letter (2 pages)
- (2) Revised Assignment Recordation Form (3 pages)
- (3) Marked-up and initialed correction of original Assignment of the invention to ReefEdge, Inc., a Delaware corporation (2 pages)
- (4) Business Reply Postcard
- (5) Check for the recordation fee of the correction, in the amount of \$40.00 (for Small Entity)

Deposit Account Authorization:

X The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 501525. A duplicate copy of this sheet is enclosed.

X Any additional filing fees required under 37 C.F.R. §1.16.

X Any patent application processing fees under 37 C.F.R. §1.17.

Date: November 13, 2001

Correspondence Address: Cust. No. 000025260
5228 Westminster Lane
Fuquay-Varina, NC 27526

By Marcia L. Doubet
Marcia L. Doubet, Attorney of Record
Registration Number 40,999

CERTIFICATE OF MAILING UNDER 37 CFR 1.8(a)

I hereby certify that I am depositing the enclosed or attached correspondence with the United States Postal Service as first class mail in an enveloped addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231 on November 13, 2001.

Marcia L. Doubet
(Name of person mailing paper or fee)

Marcia L. Doubet
(Signature of person mailing paper or fee)

COPY

Attorney Docket Number MLDRE2001001

TRANSMITTAL OF ASSIGNMENT CORRECTION

Hon. Commissioner of Patents and Trademarks
Washington, DC 20231

Sir:

Transmitted herewith is a correction to the assignment in the patent application of:

Inventor: Sandeep Kishan Singhal et al.

For: TECHNIQUE FOR ENABLING REMOTE DATA ACCESS AND
MANIPULATION FROM A PERVASIVE DEVICE

Serial Nbr: 09/848,394

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Marcia L. Doubet, Attorney of Record
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Marcia L. Doubet
(Name of person mailing paper or fee)

Marcia L. Doubet
(Signature of person mailing paper or fee)

CORRECTION TO ASSIGNMENT OF PATENT APPLICATION

Inventor: Sandeep Kishan Singhal et al.

For: **TECHNIQUE FOR ENABLING REMOTE DATA ACCESS AND
MANIPULATION FROM A PERVASIVE DEVICE**

Serial Nbr: 09/848,394

Filed: May 3, 2001

Commissioner of Patents and Trademarks
Washington, DC 20231

Dear Sir:

The title of the patent application having serial number 09/848,394, filed May 3, 2001, which is titled

**TECHNIQUE FOR ENABLING REMOTE DATA ACCESS AND MANIPULATION
FROM A PERVASIVE DEVICE**

was incorrectly stated as "TECHNIQUE FOR ENABLING REMOTE DATA ACCESS AND MANIPULATION FROM A MOBILE DEVICE" in the assignment papers which were filed.

A corrected recordation using Forms PTO-1619A, -1619B, and -1619C is filed herewith, along with a marked-up and initialed copy of the originally-filed assignment document. A check in the amount of \$40 for the recordation fee is also included herewith.

Respectfully submitted,

Date: November 13, 2001

Correspondence Address: Cust. No. 000025260
5228 Westminster Lane
Fuquay-Varina, NC 27526

By Marcia L. Doubet
Marcia L. Doubet, Attorney of Record
Registration Number 40,999
Telephone: 919-557-3827

CERTIFICATE OF MAILING UNDER 37 CFR 1.8(a)

I hereby certify that I am depositing the enclosed or attached correspondence with the United States Postal Service as first class mail in an enveloped addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231 on November 13, 2001.

Marcia L. Doubet
(Name of person mailing paper or fee)

Marcia L. Doubet
(Signature of person mailing paper or fee)